

Title (en)
HYDROLYSIS-RESISTANT SILICONE COMPOUNDS

Title (de)
HYDROLYSERESISTENTE SILICONVERBINDUNGEN

Title (fr)
COMPOSÉS DE SILICONE RÉSISTANT À UNE HYDROLYSE

Publication
EP 2076523 A1 20090708 (EN)

Application
EP 07838814 A 20070925

Priority

- US 2007020683 W 20070925
- US 84831706 P 20060929
- US 56145606 A 20061120

Abstract (en)
[origin: US2008081894A1] In one aspect, the invention relates to hydrolysis-resistant silicone compounds. In particular, disclosed are sterically hindered hydrolysis-resistant silicone compounds and improved purity hydrolysis-resistant silicone compounds. Also disclosed are processes for making hydrolysis-resistant silicone compounds; the products of the disclosed processes; compositions and polymers comprising the disclosed compounds and products of the disclosed processes; and ophthalmic lenses, for example contact lenses, intraocular lenses, artificial cornea, and spectacle lenses, comprising the disclosed compositions, disclosed polymers, disclosed compounds, and products of the disclosed processes. This abstract is intended as a scanning tool for purposes of searching in the particular art and is not intended to be limiting of the present invention.

IPC 8 full level
C07F 7/08 (2006.01); **C07F 7/21** (2006.01); **C08F 8/00** (2006.01); **G02C 7/04** (2006.01)

CPC (source: EP KR US)
C07F 7/0838 (2013.01 - EP US); **C07F 7/0872** (2013.01 - US); **C07F 7/0876** (2013.01 - KR US); **C07F 7/18** (2013.01 - KR); **C07F 7/20** (2013.01 - KR); **C07F 7/21** (2013.01 - EP KR US); **C08F 30/08** (2013.01 - KR US); **C08F 230/08** (2013.01 - KR); **C08G 77/04** (2013.01 - KR); **C08G 77/20** (2013.01 - EP US); **G02B 1/043** (2013.01 - EP US)

Citation (search report)
See references of WO 2008042163A1

Cited by
US8080622B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2008081894 A1 20080403; US 7838698 B2 20101123; CN 101553494 A 20091007; CN 101553494 B 20160511; EP 2076523 A1 20090708; EP 2076523 B1 20141022; ES 2524020 T3 20141203; HK 1137458 A1 20100730; JP 2011503242 A 20110127; JP 5515739 B2 20140611; KR 101636853 B1 20160706; KR 101716640 B1 20170315; KR 20090077923 A 20090716; KR 20140119761 A 20141010; KR 20150064247 A 20150610; TW 200829597 A 20080716; TW 201329095 A 20130716; TW I515198 B 20160101; TW I519538 B 20160201; US 2011028673 A1 20110203; US 2013131298 A1 20130523; US 2013131369 A1 20130523; US 2014296554 A1 20141002; US 8357818 B2 20130122; US 8779178 B2 20140715; US 8921449 B2 20141230; US 9056878 B2 20150616; WO 2008042163 A1 20080410

DOCDB simple family (application)
US 56145606 A 20061120; CN 200780044049 A 20070925; EP 07838814 A 20070925; ES 07838814 T 20070925; HK 10102145 A 20100301; JP 2009530395 A 20070925; KR 20097008010 A 20070925; KR 20147023476 A 20070925; KR 20157014036 A 20070925; TW 102110389 A 20070928; TW 96136451 A 20070928; US 2007020683 W 20070925; US 201313746265 A 20130121; US 201313746268 A 20130121; US 201414301094 A 20140610; US 90119110 A 20101008